

Form PTO-1449  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <i>(Use several sheets if necessary)</i>			Docket Number (Optional) <b>3239.5US (96-1145.05/US)</b>		Application Number <b>Not yet assigned</b>	
Applicant <b>St ven G. Thumm I</b>			Filing Date <b>August 4, 2003</b>		Group Art Unit <b>Unknown</b>	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
A	4,480,975	11/1984	Plummer et al.	—	—	
	4,861,251	08/1989	Moitzger	—	—	
	5,034,350	07/1991	Marchisi	—	—	
	5,096,853	03/1992	Yasunaga et al.	—	—	
	5,114,880	05/1992	Lin	—	—	
	5,118,271	06/1992	Baird et al.	—	—	
	5,147,815	09/1992	Casto	—	—	
	5,222,014	06/1993	Lin	—	—	
	5,239,806	08/1993	Maslakow	—	—	
	5,302,850	04/1994	Hara	—	—	
	A	5,313,365	05/1994	Pennisi et al.	—	—

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS		(Including Author, Title, Date, Pertinent Pages, Etc.)
A		Rosato et al., Injection Molding Handbook, 1995, Chapman & Hall, pps. 285-290

EXAMINER 	DATE CONSIDERED <b>8/2004</b>
--------------	----------------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)

3239.5US (96-1145.05/US)

Application Number

Not yet assigned

Applicant

St ven G. Thummel

Filing Date August 4, 2003

Group Art Unit Unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AO	5,331,205	07/1994	Primeaux	—	—	
	5,366,364	11/1994	Tanaka et al.	—	—	
	5,415,536	05/1995	Ohno	—	—	
	5,458,694	10/1995	Nuyen	—	—	
	5,488,257	01/1996	Bhattacharyya et al.	—	—	
	5,578,261	11/1996	Manzione et al.	—	—	
	5,578,333	11/1996	Schad et al.	—	—	
	5,597,643	01/1997	Weber	—	—	
	5,598,034	01/1997	Wakefield	—	—	
	5,608,262	03/1997	Degani et al.	—	—	
AO	5,609,889	03/1997	Weber	—	—	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

## OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER





DATE CONSIDERED

8/2004

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance. Include copy of this form with next communication to the applicant.

Form PTO-1449  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  <i>(Use several sheets if necessary)</i>		Docket Number (Optional) <b>3239.5US (96-1145.05/US)</b>		Application Number <b>Not yet assigned</b>	
Applicant <b>Steven G. Thummel</b>		Filing Date <b>August 4, 2003</b>		Group Art Unit <b>Unknown</b>	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,614,441	03/1997	Hosokawa et al.	—	—	
	5,615,089	03/1997	Yoneda et al.	—	—	
	5,633,019	05/1997	Clark et al.	—	—	
	5,646,829	07/1997	Sota	—	—	
	5,755,914	05/1998	Yonehara	—	—	
	5,766,535	06/1998	Ong	—	—	
	5,800,841	09/1998	Miyajima	—	—	
	5,830,781	11/1998	Acello et al.	—	—	
	5,971,734	10/1999	Moon	—	—	
	5,997,798	12/1999	Tetreault et al.	—	—	
	6,007,317	12/1999	Mess	—	—	


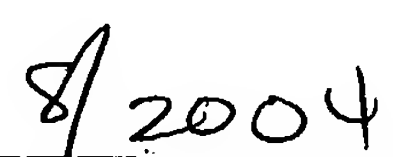
  

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS		(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER 	DATE CONSIDERED 
---	--

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449 <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>				Docket Number (Optional) <b>3239.5US (96-1145.05/US)</b>		Application Number <b>Not yet assigned</b>	
Applicant <b>Steven G. Thummel</b>				Filing Date <b>August 4, 2003</b>		Group Art Unit <b>Unknown</b>	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
A)	6,117,382	09/2000	Thummel	—	—	
I	6,287,503	09/2001	Thummel	—	—	
A)	6,332,766	12/2001	Thummel	—	—	

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS		(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER 	DATE CONSIDERED <b>8/2004</b>
--------------	----------------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation not in conformance and not considered. Include copy of this form with next communication to the applicant.